| Index of Claims | Application/Control No. |
|-----------------|-------------------------|
|                 | 10/633,021              |
|                 | Examiner                |
|                 | Hung Vu                 |

| Applicant(s)/Pate Reexamination | ent under |
|---------------------------------|-----------|
| SINGH ET AL.                    |           |
| Art Unit                        |           |
| 2811 ·                          |           |

| √ | Rejected | _ | (Through numeral)<br>Cancelled |   | Non-Elected  | - | A | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|---|----------|
| = | Allowed  | ÷ | Restricted                     | I | Interference |   | 0 | Objected |

| Cla      | Claim Date |                |              |          |              |              | Claim Date   |  |  |          |          |          |                  |          | Cla      | im            | Date        |          |           |               |   |              |            |                |          |           |             |           |   |  |           |   |
|----------|------------|----------------|--------------|----------|--------------|--------------|--------------|--|--|----------|----------|----------|------------------|----------|----------|---------------|-------------|----------|-----------|---------------|---|--------------|------------|----------------|----------|-----------|-------------|-----------|---|--|-----------|---|
|          | =          |                |              |          |              |              |              |  |  |          |          | =        |                  |          |          | T             | $\neg$      |          |           |               |   |              | 16         |                |          |           |             |           |   |  |           |   |
| ā        | Original   | 4/4/05         |              |          |              |              |              |  |  | ļ.       | क        | Original |                  |          | l        |               |             |          | -         |               |   | Final        | Original   |                |          |           |             |           |   | 1  |           |   |
| Final    | Ē          | 4              |              |          |              |              |              |  |  |          | Final    | .g       |                  | - 1      | - 1      |               |             |          | -         |               |   | 냺            | .면         | ļ              |          |           |             | ł         |   |  |           |   |
| -        | 0          | . 4            |              |          |              |              |              |  |  |          |          | 0        |                  |          |          |               | ı           |          | 1         |               |   |              | 0          | .              | -        |           |             |           |   |  |           |   |
|          | 1          | 1              | -            | _        | -            |              |              | Н                                      | $\vdash$                               | -        |          | 51       | $\vdash$         | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$    | $\dashv$ | ╅         | _             | i |              | 101        |                | -        | $\dashv$  | $\dashv$    | $\neg$    | $\dashv$                                | _  | $\dashv$  | ᅱ                                       |
|          | 2          | 1              | -            |          |              | Н            | -            | $\vdash$                               | -                                      | $\dashv$ |          | 52       | $\vdash$         | ┪        | -        | $\dashv$      |             | +        | +         | +             | i | -            | 102        | _              | $\dashv$ | -         | -           | $\dashv$  | -                                       | $\dashv$   | $\dashv$  | $\dashv$                                |
|          | 3          | 1              |              |          | _            | Н            |              | Н                                      | <del>  </del>                          |          |          | 53       | $\vdash$         | $\dashv$ |          |               | -+          | -+       | $\dashv$  | +             | ł |              | 103        |                | -        | $\dashv$  | -+          | $\dashv$  |   | $\dashv$   | $\dashv$  | $\dashv$                                |
|          |            |                | -            | _        |              |              |              | Н                                      | -                                      | ┥.       |          | 54       | ┥                | $\dashv$ | -        | -+            | -           | +        | +         | +             | ł |              | 104        |                | -        |           |             | -         | $\dashv$                                | $\dashv$   | $\dashv$  | $\dashv$                                |
|          | 4          | 1              |              |          |              |              |              | Н                                      |  |          | <u> </u> | 55       | -                |          | -        | -             | $\dashv$    | +        | +         |               | 1 |              | 105        | -              | $\dashv$ | -+        | $\dashv$    | $\dashv$  | $\dashv$                                | $\dashv$   | -         | $\dashv$                                |
|          | 5          |                | <u> </u>     |          | _            |              | _            | Н                                      | $\vdash \vdash$                        |          |          |          | $\vdash$         | $\dashv$ | $\dashv$ | -             | -           |          | +         |               | - |              | 106        | _              | -        |           | -           | $\dashv$  | $\dashv$                                | $\dashv$   | $\dashv$  | $\dashv$                                |
| <u> </u> | 6          | 1              |              |          |              | _            | _            |  | $\vdash$                               |          | -        | 56       |                  | -        | $\dashv$ | +             | 4           | +        | -         |               | 1 |              |            |                | $\dashv$ | $\dashv$  | $\dashv$    |           | -                                       |  | $\dashv$  | $\dashv$                                |
|          | 7          | 1              | _            |          | -            |              |              | _                                      | $\vdash$                               | -        |          | 57       | <del>   </del>   | $\dashv$ | $\dashv$ |               |             | +        | +         | +             | ┨ | -            | 107<br>108 | -              |          |           | -+          | $\dashv$  | $\dashv$                                | -  | -         |   |
|          | 8          | 1              | -            |          | <u> </u>     | -            |              |  | $\vdash$                               | _        | <u> </u> | 58       |                  | $\dashv$ | $\dashv$ | -             |             | -        | -         | -             | 1 |              |            |                |          |           | $\dashv$    | $\dashv$  | $\dashv$                                | $\rightarrow$                                    | -         | -                                       |
|          | 9          | V              |              |          | <u> </u>     |              | _            |  |  | _        |          | 59       | $\sqcup$         | $\dashv$ | _        | -             | -           | -        | -         |               | - |              | 109        |                |          |           | $\dashv$    | $\dashv$  | $\rightarrow$                           | $\dashv$   | -         |   |
| <u></u>  | 10         | 1              |              |          | L            |              |              | Ш                                      |  | _        |          | 60       |                  |          |          |               | 4           | 4        | 4         |               | 1 | <u> </u>     | 110        |                | _        | $\dashv$  | $\dashv$    | $\dashv$  |   |  | $\dashv$  | $\dashv$                                |
|          | 11         | 1              |              |          | _            | _            | $oxed{oxed}$ | Ш                                      |  |          | <u></u>  | 61       | Ш                |          | _        | _             | _           | 4        | 4         |               |   | <u> </u>     | 111        | $\Box$         | _        | _         | _           |           |   |  | $\dashv$  | _                                       |
|          | 12         | 1              | <u> </u>     | _        | <u> </u>     | _            | 匚            | Ш                                      |  |          |          | 62       | $\sqcup$         |          |          | _             |             | _        | _         |               | 1 | <u></u>      | 112        | $\square$      | _        | _         | <b>-</b> -⊦ |           | $\dashv$                                | _  | $\dashv$  | 4                                       |
| <u></u>  | 13         | 1              |              |          |              |              |              |  |  | _        | L        | 63       | $\sqcup$         |          |          | ļ             | _           | $\perp$  | $\dashv$  | $\perp$       | 1 | <u></u>      | 113        |                |          |           | _           | _         |   |  | _         | $\perp$                                 |
|          | 14         | 1              |              |          |              |              |              | $\Box$                                 | Ш                                      |          |          | 64       |                  |          |          |               | _           | $\perp$  | $\perp$   | $\perp$       | 1 | L            | 114        |                |          |           |             | =         |   |  |           |   |
|          | 15         | 1              | L            |          | L            |              |              |  |  |          |          | 65       |                  |          |          |               |             |          |           | $\perp$       | 1 |              | 115        | Ш              | l        | 1         | _           |           |   |  | $\dashv$  | $\Box$                                  |
|          | 16         | 1              |              |          |              |              |              |  |  |          |          | 66       |                  |          |          |               |             |          |           |               | ] |              | 116        | Ŀ              | l        |           |             |           |   |  |           | $\Box$                                  |
|          | 17         | 1              |              |          |              |              |              |  |  |          |          | 67       |                  | T        | [        |               |             | $\Box$   | $\Box$    |               | ] |              | 117        |                |          |           |             |           |   |  |           |   |
|          | 18         | 1              | Γ            |          |              |              | Γ            |  |  |          |          | 68       |                  |          |          | T             | T           | floor    | $_{ m I}$ |               | ] |              | 118        |                |          |           |             |           |   |  |           |   |
|          | 19         | 1              | Г            |          |              |              |              |  | П                                      |          |          | 69       | П                | 7        |          | $\neg$        | $\neg \top$ | П        | T         | $\neg \vdash$ | 1 |              | 119        |                |          |           | П           |           |   |  |           |   |
|          | 20         | 1              | $\vdash$     | _        | _            |              |              |  |  |          |          | 70       |                  |          | $\neg$   | $\neg$        | $\neg$      |          | T         |               | ] |              | 120        |                |          |           |             |           | П                                       |  |           |   |
|          | 21         | 1              | $\vdash$     |          | _            |              |              |  |  |          |          | 71       |                  |          |          |               |             |          | T         | $\neg$        | 1 |              | 121        |                |          |           | П           |           | П                                       |  | $\neg$    |   |
|          | 22         | 1              |              | $\vdash$ | -            | -            | $\vdash$     |  |  | _        |          | 72       |                  | $\neg$   |          | 一             |             | $\neg$   | T         |               | 1 |              | 122        |                |          |           | $\Box$      |           |   | $\neg$   | $\neg$    |   |
|          | 23         | 1              | -            |          | -            | $\vdash$     | ┢            | -                                      |  | $\dashv$ | ·        | 73       | П                | $\neg$   |          | $\overline{}$ |             | $\dashv$ | $\neg$    | _             | 1 |              | 123        |                |          | _         | $\sqcap$    | $\Box$    | П                                       |  | $\neg$    | $\neg$                                  |
|          | 24         | V              | ╁            |          | <del> </del> |              | $\vdash$     |  |  | $\dashv$ |          | 74       | $\vdash$         | 一        | $\neg$   | -             | 一           | $\dashv$ | 十         |               | 1 |              | 124        |                |          |           | 口           |           | П                                       |  | П         | $\neg$                                  |
|          | 25         | 1              | -            |          | ├─           | $\vdash$     | -            |  | $\vdash$                               | _        |          | 75       | $\vdash$         |          | _        | $\dashv$      | $\dashv$    | 十        | 十         | _             | 1 |              | 125        |                |          |           | П           | $\Box$    | $\sqcap$                                |  | コ         | $\neg$                                  |
| H-       | 26         | 1              |              | $\vdash$ |              | -            | -            | -                                      |  | $\dashv$ |          | 76       | $\vdash$         | $\dashv$ |          |               | -           | $\dashv$ | $\dashv$  | _ -           | 1 | $\vdash$     | 126        | H              |          | $\neg$    |             |           | $\sqcap$                                | $\sqcap$   | _         | $\neg$                                  |
|          | 27         | 1              | ⊢            |          | ╁─           | $\vdash$     | $\vdash$     | -                                      |  | $\dashv$ |          | 77       | $\vdash$         | _        |          | ᅱ             | $\neg$      | $\dashv$ | $\dashv$  |               | 1 | _            | 127        |                |          |           |             | $\exists$ | П                                       |  | $\neg$    | П                                       |
|          | 28         | 1              | ┢            | -        | ├            | $\vdash$     | $\vdash$     |  | -                                      | $\dashv$ |          | 78       | $\vdash$         | -        |          | -             | $\dashv$    | $\dashv$ | ┰         |               | 1 | <u> </u>     | 128        | Н              |          |           |             | $\neg$    | $\vdash$                                | $\neg$   | -         | П                                       |
| <u> </u> | 29         | 1              | $\vdash$     |          | -            |              | ⊢            | $\vdash$                               | $\vdash$                               |          |          | 79       | -                | $\dashv$ | $\dashv$ | $\dashv$      |             | +        | $\dashv$  | $\dashv$      | 1 |              | 129        |                |          | $\neg$    | $\dashv$    | -         |   | $\sqcap$   | $\dashv$  | $\vdash$                                |
| -        |            | 1              | ├            | _        | ├            |              | -            | $\vdash$                               | -                                      | $\dashv$ |          | 80       | <del>  -  </del> | $\dashv$ |          | -1            | -           | -+       | +         | +             | 1 |              | 130        | $\vdash$       | -        | -         | $\dashv$    | -1        | $\vdash$                                | $\vdash$   | $\dashv$  | Н                                       |
| <u> </u> | 30         | <u>v</u>       | -            | _        | -            |              |              | $\vdash$                               | $\vdash$                               |          |          | 81       | $\vdash$         |          | $\dashv$ | $\dashv$      | -           | -+       | -         | _             | ┨ | -            | 131        | $\vdash$       |          | -         | $\dashv$    | $\dashv$  |   |  | $\dashv$  | Н                                       |
|          | 31         | -              | <del> </del> | -        |              | ⊢            | ⊢            |  | $\vdash$                               | -        |          |          | $\vdash$         |          |          | $\dashv$      | $\dashv$    | +        | -         |               | ┨ | $\vdash$     | 132        | $\vdash$       | -        |           |             | $\vdash$  | $\vdash$                                | ┌─┤  |           | М                                       |
|          | 32         | -              | <u> </u>     | -        | ├-           | ⊢            | ├            | <del> </del>                           | $\vdash$                               | $\dashv$ | <u> </u> | 82<br>83 | $\vdash$         | $\dashv$ |          | -+            | -           | +        | +         |               | - | -            | 133        | $\vdash$       | -        |           |             |           | $\vdash$                                | $\vdash$   |           | $\vdash$                                |
|          | 33         | <del>  -</del> | -            | $\vdash$ | -            | ├_           | $\vdash$     | ⊢                                      |  | -        | -        |          | $\vdash$         |          | -        | -             |             | $\dashv$ | $\dashv$  |               | 1 | <del> </del> | 124        | $\vdash\vdash$ | $\dashv$ |           | -           | -         | $\vdash\vdash$                          | $\dashv$   |           | -                                       |
|          | 34         | <b>├</b>       | ļ            |          | -            | <u> </u>     | <u> </u>     |  | $\vdash$                               | _        | <b> </b> | 84       | $\vdash$         |          |          | $\dashv$      | $\dashv$    | -        | -         |               | 1 |              | 134        | Н              |          |           | $\vdash$    | $\vdash$  | $\vdash$                                | <del>                                     </del> | $\dashv$  | Н                                       |
| <u></u>  | 35         | _              | ļ.,          | <u> </u> | <u> </u>     | ऻ_           | <u> </u>     | -                                      | $\vdash$                               | _        |          | 85       | $\vdash$         |          |          | 4             | _           | +        | -         |               | 1 | -            | 135        | Н              | $\dashv$ |           | $\vdash$    | _         | $\vdash$                                |  |           | Н                                       |
|          | 36         | <u> </u>       | <u> </u>     |          | <u> </u>     | <b>├</b>     | <u> </u>     | <u> </u>                               | $\vdash$                               | _        |          | 86       | $\vdash$         |          |          | _             | 4           | 4        |           |               | 1 |              | 136        | Н              | <u> </u> |           |             | $\dashv$  | $\vdash\vdash$                          |  | $\dashv$  | Н                                       |
|          | 37         | <del> </del>   | <u> </u>     |          | ļ            | $\vdash$     | <u> </u>     | <u> </u>                               | $\sqcup$                               | _        |          | 87       | $\sqcup$         |          |          | $\dashv$      |             | _        | $\dashv$  |               | 4 | <u> </u>     | 137        | Н              | $\Box$   | -1        |             |           | $\vdash \vdash$                         | ${oldsymbol{\longmapsto}}$                       |           | Н                                       |
|          | 38         |                | <u> </u>     |          | _            | $oxed{oxed}$ | <u> </u>     | _                                      | $\sqcup$                               | _        |          | 88       | $\sqcup$         | _        | _        | _             | _           | _        | _         |               | - | <u></u>      | 138        | Ш              |          |           |             | Ш         | $\sqcup$                                | $\vdash \vdash$                                  |           | Н                                       |
|          | 39         | <u></u>        |              |          |              |              | $\perp$      | lacksquare                             | $\sqcup$                               |          | L        | 89       |                  |          |          | $\perp$       | _           | _        | _         | $\bot$        | 1 | <u></u>      | 139        | Ш              |          | $\vdash$  | Ш           | Ш         | $\sqcup$                                | $\vdash$   | $\dashv$  | Ы                                       |
|          | 40         | _              | L            |          | <u>  .</u>   | 丄            | L            | <u></u>                                | Ш                                      |          |          | 90       | Ш                |          |          |               | _           | $\perp$  | _         |               | 1 | <u></u>      | 140        | Ш              | Ш        | $\square$ |             | <b>  </b> | $\sqcup$                                | Ш  |           | $\vdash \vdash$                         |
|          | 41         |                | Ĺ            | L        |              | L            | L            |  | Ш                                      |          |          | 91       | Ш                |          |          |               |             | _ .      |           | _             | 1 |              | 141        | Ш              | Ш        |           | Ш           | $\sqcup$  | Ш                                       | Ш  |           | Ш                                       |
|          | 42         | L              |              |          | L            | L            |              |  |  |          |          | 92       |                  |          |          |               |             |          |           |               | ] | L            | 142        | $\sqcup$       | Ш        | $\sqcup$  | Ш           | $\sqcup$  | $\sqcup$                                | Ш  |           | $\sqcup$                                |
|          | 43         |                |              |          |              |              |              |  |  |          |          | 93       |                  |          |          |               |             |          |           |               |   |              | 143        |                |          |           | Ш           |           |   | Ш  |           | $\square$                               |
|          | 44         | Π              | Γ            |          | Π            |              | Γ            |  |  |          |          | 94       |                  |          |          |               |             |          | $\Box$    |               | _ |              | 144        |                |          |           | $\Box$      |           |   | $\Box$   | $\square$ | Ш                                       |
|          | 45         | Т              | 1            | 1        |              |              | Γ            |  |  | $\neg$   |          | 95       |                  |          |          |               | _           |          |           |               | ] |              | 145        |                |          |           |             |           |   |  |           |   |
|          | 46         | Т              |              |          | 1            | П            |              | П                                      | П                                      | $\neg$   |          | 96       | П                |          |          |               |             | $\neg$   | $\neg$    | $\neg$        | 1 |              | 146        |                |          |           |             |           |   |  |           |   |
|          | 47         | 1              | Т            | П        |              | T            |              | $\top$                                 | П                                      | $\neg$   |          | 97       | $\Box$           |          |          |               | ヿ           | 寸        | $\neg$    | $\top$        | 1 |              | 147        |                |          | П         | П           | $\bigcap$ |   | П  | П         |   |
|          | 48         | 1              | T            |          | 1            | $\top$       | 1            | $\vdash$                               | Н                                      | $\dashv$ |          | 98       | $\sqcap$         |          |          |               | 一           | 7        | 寸         | 十             | 1 |              | 148        |                |          |           | П           | Г         | $\Box$                                  |  |           |   |
|          | 49         | $\vdash$       | 1            | t -      | 1            | $\vdash$     | $\vdash$     | +-                                     | T                                      | $\dashv$ |          | 99       | $\top$           | $\Box$   |          |               | $\neg$      | $\dashv$ | _         | _†_           | 1 |              | 149        | $\Box$         |          | Г         |             |           | Г                                       |  |           | П                                       |
|          | 50         | $\vdash$       | +-           | $\vdash$ | $\vdash$     | +            | +-           | +-                                     | H                                      | $\dashv$ |          | 100      | $\vdash$         | т        | -        |               | $\dashv$    | $\dashv$ | 十         |               | 1 |              | 150        | <b>!</b>       | $\vdash$ |           | Н           | $\vdash$  | $\sqcap$                                | H  | П         | $\sqcap$                                |
| 1        | 1 00       |                | <u> </u>     | <u> </u> | ٠            |              | Ь_           | ــــــــــــــــــــــــــــــــــــــ | ــــــــــــــــــــــــــــــــــــــ |          |          | 1 100    |                  | لـــا    | Щ.       | لــــا        |             |          |           |               | L | Ц            | 1.00       | L              |          | <b></b>   |             | ш         | لــــــــــــــــــــــــــــــــــــــ | ىــــ  | لب        | لــــــــــــــــــــــــــــــــــــــ |